

3M™ Cubitron™ II Roloc™
Durable Edge Disc 984F



Fast meets furious

Faster cut rate. Longer life.
Tough around the edges.

Grind, blend, finish and deburr longer, faster and with greater productivity than ever on all metal types with Cubitron™ II Roloc™ Disc 984F. In fact, it's one of the longest-lasting Roloc™ Discs available in the industry today.

Cubitron™ II Roloc™ discs out perform others because they are power-packed with fast-cutting 3M precision shaped grain – a self-sharpening feature that keeps them running cool and long. Plus, a durable edge backing makes the discs stronger around the edges so they won't fray or wear out prematurely. And the Cubitron™ II brand means it's all-around industrial tough – for all-around superior performance.

3M



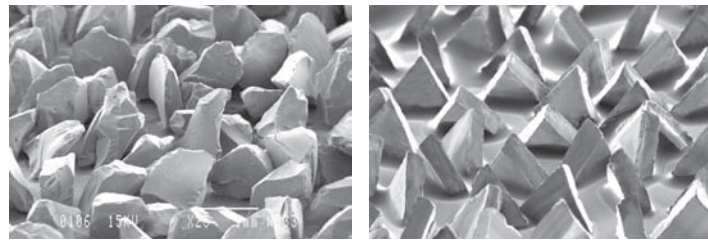
Furious performance with fewer edge failures.

When you're using a disc sander, you're relying on the edge of your abrasive disc to grind, blend and finish. If you've been frustrated by edge failures, make the switch to Cubitron™ II Roloc™ 984F. Its durable edge backing – combined with 3M precision-shaped grain – make this one tough disc that lasts longer and performs stronger.

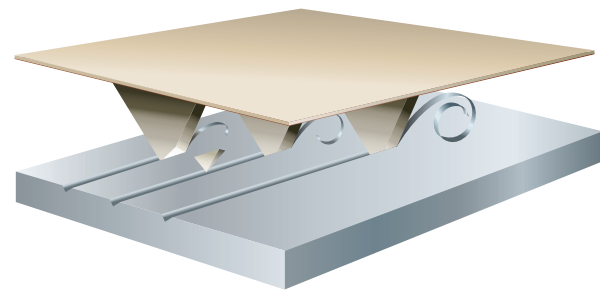
- Features a durable edge backing for extended edge retention.
- Precision-shaped grain and grinding aid allow discs to run cooler.
- Precision-shaped grain self-sharpenes for consistent and continuous cutting power with less pressure.
- Quality 3M™ Roloc™ buttons for an easy on/off attachment that stays in place.
- For grinding, blending, finishing and deburring applications on virtually all metal types.

Available in:

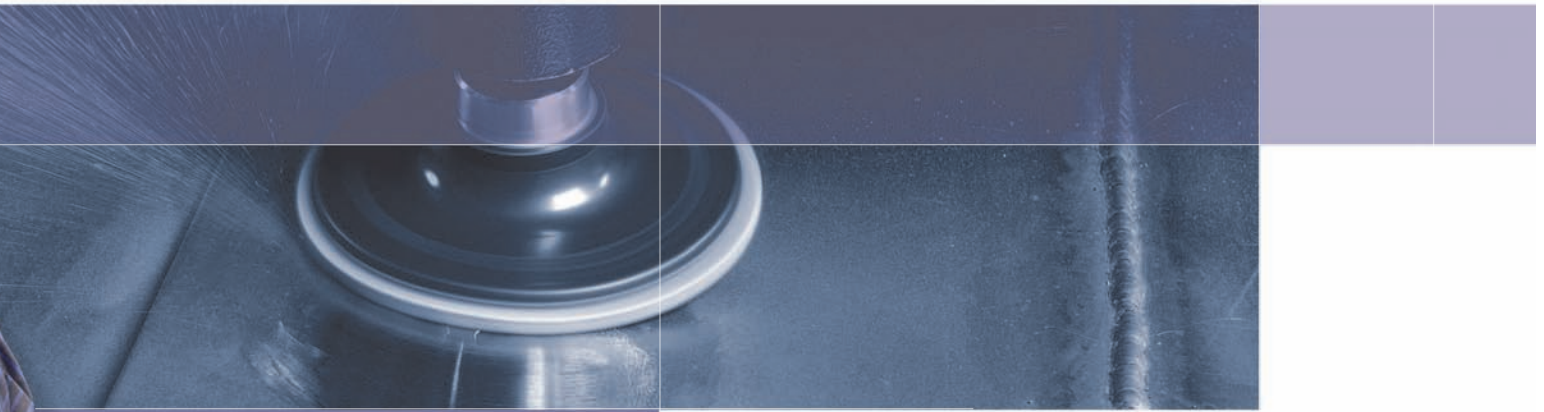
- 1.5", 2", 3" and 4"
- Grade 36+, 60+ and 80+
- Type TR and TSM



3M precision-shaped grain, engineered with ultra-sharp grain, cuts fast and lasts long. These triangular-shaped grains (right image) are electrostatically oriented to form sharp peaks, each acting like individual cutting tools that slice through metal, wear evenly and provide super-long life and consistency at any grinding pressure.



CUBITRON™ II



Tips for Best Results

Use the total 3M system and optimize the Roloc™ Disc benefits with 3M™ Power Tools. You'll maximize the benefits of 3M precision-shaped grains by using 3M Power Tools with the ideal horsepower and operating speeds.

3M Disc Sanders HP	Recommended Operating Speed	Material Type
1.5 inch/.5HP	20,000	Stainless Steel
2.0 inch/.5HP	20,000	Carbon Steel/ Aluminum
2.0 inch/1.0HP	15,000	Stainless Steel
3.0 inch/1.0HP	15,000	Carbon Steel/ Aluminum

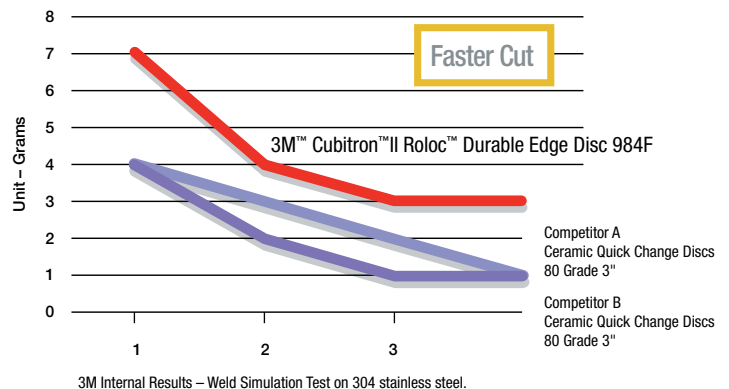
Choose the right accessories for optimized results.

The hardness of the disc pad can effect unit pressure and cut. Choose from 3M's variety of disc pads to select the perfect degree of aggressiveness or conformability for your job requirements.

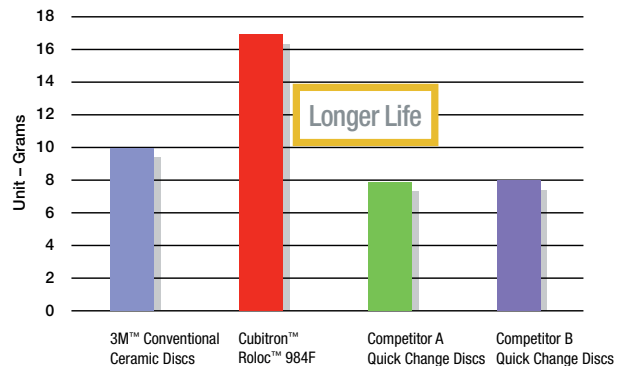
Disc Pad Size	Max RPM	Hardness	UPC 051144-
1.5 inch	30,000	Soft	45098-5
		Medium	45099-2
		Hard	45100-5
2.0 inch	20,000 25,000	Soft	45094-7
		Medium	45095-4
		Hard	45096-1
		Extra Hard	45097-8
3.0 inch	15,000 18,000 20,000	Soft	45090-9
		Medium	45092-3
		Hard	45091-6
		Extra Hard	45093-0

Don't fear the edges. While edges on the workpiece may have caused premature edge wear on other discs, they can actually help precision-shaped grains fracture and extend the life of a Cubitron™ II Roloc™ 984F disc.

Weld removal – 3M™ Roloc™ 984F vs. Conventional Ceramic (3", Grade 80/80+ equivalents)



Total Cut – 3M™ Roloc™ 984F vs. Conventional Ceramic (3", Grade 80/80+ equivalents)





3M™ Cubitron™ II Roloc™ Durable Edge Disc 984F

3M™ Cubitron™ II Roloc™ Durable Edge Disc Customer Test Results

Application	Metal	Current Disc	Test Results
Grinding	Stainless Steel	Ceramic	Faster cut, better edge durability, better finish
Small weld removal	Carbon Steel	Aluminum Zirconia	2-4 times life
Grinding on edges	Aluminum	Aluminum Oxide	Better loading resistance, 2 times faster cut
Deburring	Titanium	Aluminum Oxide	Longer life, runs cooler, less heat generated

*Actual results will vary based on end-user manufacturing processes.

Size	Grade	Attachment type	Discs/Box	Packaging
1 1/2"	36+	TR	50/200	051141277004
		TSM		051141277042
	60+	TR		051141277080
		TSM		051141277127
	80+	TR		051141277165
		TSM		051141277202
2"	36+	TR	50/200	051141277011
		TSM		051141277059
	60+	TR		051141277097
		TSM		051141277134
	80+	TR		051141277172
		TSM		051141277219
3"	36+	TR	50/200	051141277028
		TSM		051141277066
	60+	TR		051141277103
		TSM		051141277141
	80+	TR		051141277189
		TSM		051141277226
4"	36+	TR	25/100	051141277035
		TSM		051141277073
	60+	TR		051141277110
		TSM		051141277158
	80+	TR		051141277196
		TSM		051141277233

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